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PROCEEDINGS

OF

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1888-1891.

EXTRACT FROM DOCUMENT VIII.

THE MEDALS OF NATURAL SCIENTISTS.

PART I.

By Horatio R. Storer, M. D., President of the Society.

NEWPORT, R. I.:
Printed for the Society by the Daily News Job Print.
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THE MEDALS COMMEMORATIVE OF NATURAL SCIENTISTS.

BY H. R. STORER.

In view of the rapid advance of the natural sciences, and the constantly progressing substitution of improved classification and methods of research, there is danger that the work and even the names of earlier naturalists may be forgotten. To remind workers of to-day of some of those who have preceded them, may therefore be of value. I shall endeavor to enumerate what there may be of this character in numismatics, which have done so much to preserve from oblivion, not merely the most important events of history, but the memory of distinguished men. So vast, however, is its field that in comparatively few directions have attempts been made as yet to present, exhaustively, what exists upon any isolated subject.

An instance of such special research is the work of T. F. Donaldson (Architectura Numismatica, London, 1859, 8°), wherein the architectural medals of classical antiquity are illustrated and explained by comparison with the monuments themselves, and the descriptions of ancient authors.

The writer need hardly say that he will value assistance from other naturalists, alike in extending and correcting the present list. If similar catalogues could be prepared, by those having the taste, opportunities and leisure, of the statues, busts, portraits and engravings that exist of scientists, not only would these enumerations be of value in themselves, but of assistance to societies and individuals desirous of possessing such mementos of authorities, most of whom are no longer living. As regards physicians, material for lists of this kind has been incidentally published during the cataloguing, by Surgeon John S. Billings, of the immense medical library belonging to Government, at the office of the Surgeon-General of the Army, at Washington. When the same shall be done in connection with the other, also extremely large and valuable, medical library presented to Gov-

ernment by Dr. Joseph Meredith Toner of that city, and now in a separate hall of the Congressional Library, a great deal in this direction will have been accomplished.

An ancient poetical saying, apposite in this connection, has been preserved by Bacon, to the effect that at the extremity of the thread representing the life of each person, there hangs a medal which bears his name. At the moment of death, Time detaches them all and casts them into the flood of oblivion, but upon the stream there are swans who collect the names that may rise to the surface, seize them, and bear them to immortality.

In numismatics as relating to natural science, the publication of nothing in the English language seems hitherto to have been commenced. The work indicated is not merely extensive but varied, comprising besides the medals of scientists and scientific organizations, under which would be included societies, conventions, and certain departments of colleges and universities, the medallic chronicles of notable physical perturbations affecting our globe, as earthquakes, inundations, and the like, and illustrations of a vast number of objects of natural history. Regarding the first of these groups, it will be recollected that portrait medals are often taken from the living person, and where not, that they are usually from those representations of him thought most accurate by his contemporaries and friends. They are, therefore, to be valued as of the very highest importance in forming a just estimate of an author in connection with his works. As to the second of the divisions, I discussed with the late Prof. Baird, then in charge of the Smithsonian Institution, the National Museum, and the U. S. Fish Commission, and have more than once demonstrated to this Society, the great interest that would attach to a collection of coins and medals illustrating the various denizens of the earth, air and sea, and as an instance of what could easily be done, I sent to Prof. Baird a long list of the numismatic representations of a single animal, the American beaver (*Castor fiber*).

A large proportion of naturalists, both in the limited and larger senses of the term, have been, and will probably continue to be, persons who have been educated as physicians, and

it is accordingly during researches that have been made in this direction that most of the material for the present purpose has been gleaned.

A brief statement of the numismatic bibliography relating to natural science may precede further details. It may be classified as follows: those of the list that are in my library are marked with an asterisk.[1]

I. Numismatic works relating to the medals of natural scientists.

a. Those relative to the ancient deities of health and healing, who were the patrons of natural science as well.

Bose, Ch. Groseus de. Dissertation sur le culte que les anciens ont rendu a la Déesse (de la) Santé; on y a joint les médailles (etc.), qui ont rapport a cette matière. Paris, 1705, 8°.

*The above Latinized. Dissertatio de Cultv quo Salvtem Deam prosecvti svnt Veteres. Cui additi sunt numi (etc.), idem argumentum spectantia. (With plates.) In Christoph. Woltereck, Electa Rei Nvmariae (etc.). Hamburg, 1709, 4°, p. 23.

Burckhard, J. H. Commentatio de diis hominibusque servatoribus ex numis (etc.). Helmstadt, 1737, 4°.

Ebelt, Carl Heinrich. De Valetudine inter deas a pagana gente relata. Plavia, 1751, 4°.

Gunzius, Justus Gottofredus. Dissertatio qua Δωδουχίας in sacris Aesculapii succincte exponitur (coins of Pergamena, p. 24). Leipsic, 1737, 4°. This is also in J. C. Gli. Ackermann, Opuscula ad medicinæ historiam pertinentia. Nuremberg, 1797, 8° (pp. 49–156).

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[1] But a portion of the works now catalogued as within their dates, were known to *Lipsius, 1800 (Bibliotheca numaria usque ad finem seculi XVIII, Leipsic), and *Leitzman, 1867 (Verzeichniss sämmtlicher in dem Zeitraume 1800 bis 1866 erschienen Schriften über Munzkünde, Weissensee).

Lersch, L. Apollon der Heilspender (Ueber silberter Erzstater). Bonn, 1848, 4°.

Leyser, Polycarp. Dissertatio de Salute Augusti ex numis. Leipsic, 1723, 4°.

Major, Johann Daniel. Serapis radiatus medicus Aegyptiorum deus. Kiel, 1685, 4°.

Musgrave, William. Dissertatio de dea Salute in qua illius symbola, templa, statuae, numi, inscriptiones exhibentia, illustrantur. Oxford, 1716, 4°.

Panofka. Asklepios und die Asklepiaden. Berlin, 1846.

Schwarz, Christian Gottlieb. Expositio veteris inscriptionis de Aesculapio et Hygea diis philanthropois. Altorf, 1724, 4°. This work has also been attributed to Dr. Ferdinand Jakob Baier, of Altorf, but as he was born in 1707, he would have been but eighteen years of age at the time of its publication.

Seelen, Johann Heinrich von. De Salute numos recentiores ad exemplum veterum ornante *Συμμικτα* (in his Selecta numaria). Rostock, 1731, 4°.

Weil, R. Asklepios und Hygeia auf Münzen von Bizya. Berlin.

*Wroth, Warwick. Apollo with the Aesculapian Staff. With plate. (*Numismatic Chronicle*, II., 3d Series, pp. 301–5, London. 1882, 8°.) Reprint.

**Ibid.* Asklepios and the Coins of Pergamon. With plates. (*Ibid.*, II., 1882, 3d Series, pp. 1–51.) Reprint.

**Ibid.* A Statue of the Youthful Asklepios. With plate and figure of coin. (*Journal of Hellenic Studies*, London, 1883.) Reprint.

**Ibid.* Hygieia. With figure of coin. (*Ibid.*, 1884.) Reprint.

**Ibid.* Telesphorus. (*Ibid.*, 1882.) Reprint.

**Ibid.* Telesphorus at Dionysopolis. (With "A Statue," etc.) (*Ibid.*, 1883.) Reprint.

Zornius, Peter. Dissertatio de Telesphoro in nummis, gemmis et inscriptionibus veterum, Aesculapii et Hygeae comite. Miscellanea Groning, II., fasc. 2.

b. Those commemorating scientists generally.

*Gaetani, Pietro Antonio. Museum Mazzuchellianum seu Numismata Virorum Doctrina Prestantium (etc.). With plates. 2 vols. Venice, 1761, fol.

*Kluyskens, Hippolyte (Charles Louis). Des Hommes Célèbres Dans Les Sciences Et Les Arts, Et Des Médailles Qui Consacrent Leur Souvenir. With plates. 2 vols. Ghent, 1859, 8°.

*Lesser, Friedrich Christian. Besondere Müntzen Welche so Wohl auf Gelehrte Gesellschaften (etc.) Als auch Auf gelehrte Leute (etc.). With plates. Frankfort and Leipsic, 1739, 8°.

Meibomius, Heinrich. Florum sparsio ad rem medicam ex numis antiquis. MS. 4°. About 1684. (This title is given by Johann Christian Hirsch, Bibliotheca numismatica, Nuremberg, 1760, fol.) I have endeavored in vain through correspondents abroad to ascertain if this manuscript is still in existence.

Preuss, Godofr. Benjamin. Epistolica dissertatio ad rem numismaticam Medicorum pertinentia quaedam exhibens. In Appendix to Centur. V and VI Ephemerid. Acad. Natur. Curios., p. 217.

Ulric and Langen. De nummis et marmoribus medicorum memoriam referentibus. Jena, 1715, 4°. (This title is given by Choulant, Bib. Hist. Med., Leipsic, 1842.)

A certain amount of valuable material upon the present head is also contained in

*Durand, Anthony. Médailles Et Jetons Des Numismates. With plates. Geneva, 1865, 4°.

c. Those devoted wholly or chiefly to physicians as a class, or to medical subjects.

Chéreau, A(chille). Notes sur les méreaux et jetons de l'

ancienne Faculté de médecine de Paris. In *L'Union Médicale*, Nos. 26, 27, Mars, 4–5, 1873, 3 Sér., pp. 309, 321.

? Histoire et jetons de l'ancienne Faculté de médecine de Paris. In Magazin Pittoresque (Paris), XXV (1857), 255, 287, 327, 362 ; XXVI (1858), 55, 87, 136.

*Corlieu, A. Les Jetons Des Doyens De L'Ancienne Faculté De Médecine De Paris D'Après Le Médaillier De La Faculté. Paris, 1887, 8°.

*Duisburg, Carl Ludwig von. C. A. Rudolphi, etc., etc., (as below, under Rudolphi.) Denuo Edidit Emendavit Et Auxit Carol. Ludov. De Duisburg. Dantzic, 1862, 8°.

**Ibid.* Do. Supplementum. Dantzic, 1863, 8°.

**Ibid.* Do. Supplementum II. Dantzic, 1868, 8°. These three works of Duisburg, owing to the awkwardness of their titles, are often attributed to Rudolphi, upon whose last edition they were based. Rudolphi, however, died in 1832. See also Rüppell.

*Dupuy, Edmond. Notices Biographiques Sur Les Médaillons De La Nouvelle École Supérieure De Pharmacie De Paris. Paris, 1881, 12°.

*Kluyskens, H (ippolyte Charles Louis). Numismatique Médicale Belge. Reprint from Le Livre Jubilaire, publiée par La Société de Médecine de Gand. Ghent, 1885, 8°.

*Mead, Richard. Dissertatio de Numis Quibusdam a Symrnaeis In Medicorum honorem percussis. With plates. (Published with his Oratio Anniversaria Harveiana.) London, 1724, 4°. There were several other editions in this form, as at Leyden, 1725, 8°, and 1728, 4°. It was separately published at Göttingen, 1748, 8°. It also is included in repeated editions of his Opera Medica. One of these appeared at Naples in 1752 Another, 1762, is in the Redwood Library at Newport. Upon the same subject is a work subsequently referred to :

? Auslegung zwei alter Münzen zu Ehren des Arztes Xeuxis oder Zeuxis in Smyrna. *Magazin Bremisches*, Band VII, p. 58. Bremen and Leipsic, 1759, 8°.

*Moehsen, J. C. W. Catalogus, Iconum Potissime Clarissimorum Medicorum, Et Eorum, Qui Artem Medicam, Excoluerunt. Bound, as Vol. II, with his Verzeichnis Einer Samlung Von Bildnissen, gröstentheils berühmter Aerzte (etc.), Berlin, 1771, 4°.

**Ibid.* Beschreibung einer Berlinischen Medaillen-Sammlung, die vorzüglich aus Gedächtnis-Münzen berühmter Aerzte (etc.). 2 vols. Berlin and Leipsic, 1773–1781, 4°. The second volume has also the duplicate title, Geschichte der Wissenschaften in der Mark Brandenburg, besonders der Arzneiwissenschaft (etc.).

Preuss, Godofr. Benj. Epistolica dissertatio ad rem numismaticam medicorum pertinentia quaedam exhibens. Vratislaviae (Breslau), 1717. Also appendix to Centur. V and VI, Ephemerid. Acad. Natur. Curios., p. 217.

*Renauldin, Léopold Joseph. Études Historiques Et Critiques Sur Les Médecins Numismatistes (etc.). Paris, 1851, 8°.

*Rudolphi, Carl Asmund. Index numismatum in virorum de rebus medicis aut physicis meritorum memoriam percussorum. With plate. Berlin, 1823, 8°. This author is frequently indexed as Rudolphus. This, however, is incorrect.

**Ibid.* As above, save that vel is substituted for aut in the second line. With plate. Berlin, 1825, 8°. The second edition of the work.

**Ibid.* Recentioris Aevi Numismata Virorum De Rebus Medicis Et Physicis Meritorum Memoriam Servantia. Without plate. Berlin, 1829, 8°. The third edition of the preceding. In this connection see Von Duisburg, already cited, and the two following.

*Rüppell, Eduard. Beitrag zur Kenntniss der numismatischen Erinnerungen an Aerzte und Naturforscher, die sich nicht in Duisburg's Werk über diesen Gegenstand vorfinden. With plates. Vienna, 1876, 8°. (Reprint from *Numismatische Zeitschrift*, Band. VI and VII.) See Von Duisburg.

**Ibid.* Medaillen auf Aerzte und Naturforscher. With

plates. Vienna (1877), 8°. (Reprint from *Numismatische Zeitschrift*, Band VIII.)

Storer, H. R. The Medals, Jetons and Tokens Illustrative of Obstetrics and Gynæcology. Newport, R. I., 1887, 4°. (Reprint from *New England Medical Monthly*, November and December, 1886.)

Ibid. The Medals, Jetons and Tokens Illustrative of Sanitation. *The Sanitarian*, May, July, August, October, 1887; February, April, July, August, November, 1888; February, March, April, June, September, November, 1889; January, February, May, July, August, September, October, 1890; July, August, September, 1891.

Ibid. The Medals, Jetons and Tokens Illustrative of the Science of Medicine. *American Journal of Numismatics*, January, April, July, October, 1889; January, April, July, October, 1890; January, April, July, October, 1891; January, 1892.

In this connection there may also be mentioned:

Ibid. Les Médailles de la Princesse Charlotte d'Angleterre (dead in child birth), Première Femme du Roi Leopold Ier de Belgique. *Revue belge de numismatique*, January, 1888; October, 1891.

d. Those commemorating single physicians.

Auslegung (etc). Already mentioned.

Hekelius, Jo. Fr. Numus aureus, quem Maximilianus II. Imperator Johannis Cratonis a Craftheim medici sui honoribus 1574 cudi jussit isque per epistolam latinam examinatus. Jena, 1695, 4°.

Heumann, Carl August. Abhandlung von einer dem Aristoteli zu Ehren geprägten Münze. *Journal des Scav.*, 1681, pp. 280–284.

*Kluyskens (Hippolyte Charles Louis). Numismatique Jennérienne. Reprint from *Revue belge de numismatique*, 1875.

**Ibid.* Numismatique Linnéenne. Reprint from *loc. cit.*, 5e Série, t. VI.

**Ibid.* Numismatique Vésalienne. Reprint from *loc. cit.*, 5e Série, t. VI.

*Koch, Cornelius Ditericus. Programma De Aristotele In Nummo Aureo (etc.). Helmstadt, 1703, 4°.

*(Ruland, G.) Beschreibendes Verzeichniss Der Zu Ehren William Jenner's Und Aloysio Sacco's Sowie Auf Die Schutzpocken-Impfung Und Die Blattern-Inoculation Geprägten Medaillen. Weimar (previous to 1880), 8°.

Rose, Christian. Dissertatio de Augusto contraria medicina curato (ad Augusti numum in Camelii medici memoriam cusum). Halle, 1741, 4°.

Sallet, A. von. Zwei Italienische medaillen (Dr. Tomasi Rangoni and Cardinal Pietro Bembo.) In *Zeitschrift für numismatik*, XI, 1883.

Storer, H. R. The Goethe medals. *American Journal of Numismatics*, October, 1887, January, 1888.

Ibid. The medals of (Dr. Joseph) Guislain (of Ghent). *Medico-Legal Journal*, December, 1887, p. 283.

Ibid. The medals of (Dr.) Benjamin Rush, Obstetrician. Reprint from *Journal of American Medical Association*, September 7, 1889.

Incidentally there may also be mentioned, as he was identified with the Plague of 1576,

Ibid. The medals of St. Charles Borromeo, Cardinal, Archbishop of Milan. *American Journal of Numismatics*, July, October, 1888.

*Wittwer, Philipp Ludwig. (Dr.) Niklaas Tulp (of Amsterdam). Nuremberg, 1785, 4°,

II. Numismatic works relating to the medallic illustrations of natural science.

a. Those chronicling climatic and other physical disturbances, involving famines, epidemics, etc.

1. Ancient perturbations.

Boeclerus, Johann Heinrich. Dissertatio de Annona Augustorum sive de annona sub imperatoribus Romanis. Argent. (Strasburg), 1722, 8°.

Carus, Ann. Epistola ad Ursinum, etc. (Annona, etc.) Venice, 1592, 4°.

Hofmann, Gottfried Dom. De numis Romanorum frumentariis. Tübingen, 1774, 4°.

2. Modern occurrences of the kind.

? Gedächtnissmünzen auf die Theurung. *Lausitzisches Magazin*, 1779, p. 254.

Bidermann, Johann Gottlieb. Von Hungermünzen. With plate. Dresden, 1772, 4°.

*Benno (Abbot). Disquisitio Sacra Numismatica De Origine, Quidditate, Virtute, Pioque Usu Numismatum, Seu Crucularum S. Benedicti Abbatis. Vienna, 1743, 12°. This extremely rare work is of interest in connection with the following :

*(Pfeiffer L. and C. Ruland.) Pestilentia in Nummis. Beschreibendes Verzeichniss der auf Epidemien von Pest, gelbem Fieber, Cholera, auf Pocken-Erkrankungen und Inoculationen, auf Jenner, Sacco und die Vaccination, sowie der auf Hungersnöthe und andere Calamitäten geprägten Medaillen. Weimar, 1880, 8°. This, like the other Beschreibendes Verzeichniss, etc., already mentioned, of which it is practically the second edition, appeared anonymously. Medicinal-rath Pfeiffer, however, owns the numismatic collection upon which they are based, and Hofrath Ruland has apparently written the descriptions and done the collating. In a manuscript inscription upon my copy of the first Verzeichniss, the latter gentleman speaks of himself as "der Verfasser" (the author).

**Ibid.* Pestilentia In Nummis. Geschichte Der Grossen Volks-Krankheiten In Numismatischen Documenten. Ein Beitrag Zur Geschichte Der Medicin Und Cultur. With plates. Tubingen, 1882, 8°. This is, from what has been stated above, the third edition of the work. For the first time, the names of its authors appear upon the title-page.

*(*Ibid.*) Numismatische Nachweise über einige heute nicht mehr wirksame Momente in der Aetiologie der ansteckenden Volkskrankheiten. (Comets, and locust devastation.) *Correspondenz-Blätter des Allgemeinen ärztlichen Vereins von Thüringen*, X, No. 10, 25 Oct., 1881, p. 342.

*(*Ibid.*) Die Thüringischen Pest-und Theuerungs-Münzen. Reprint from *loc. cit.*, No. 4, 1882.

*(*Ibid.*) Die deutschen Pestamulete. (Die Wittenberger Pestthaler, die Zachariaskreuze, Benedictpfennige, Ulrichs Kreuze, die Choleraamulete, die Kometenamulete, Kometenmedaillen und die Heuschreckenmedaillen.) Zugleich ein Nachtrag Zur "Pestilentia in Nummis." *Deutsches Archiv fur Geschichte der Medicin und Medicinische Geographie.* (During or immediately after 1882.)

Walter, David L. Medallic Memorials of the Great Comets, and the Popular Superstitions connected with their appearance. *American Journal of Numismatics*, October, 1889, p. 25; January, 1890, p. 49; April, 1890, p. 84; July, 1890, p. 19; October, 1890, p. 42; April, 1891, p. 96; January, 1892, p. 51.

There may be mentioned also

? Abbildung und Beschreibung der Königl. Preuss. Vakzinations-Prämien-Medaille. With plate. *Kritisches Jahrbuch der Staats-arzneikunde.* Berlin, 1806.

b. Those pertaining to Natural History generally.

*Froelich, Erasmus. Utilitas numismatum ad scientiam naturalem. In his Quatuor. Tentamina. In Re. Numaria. Vetere. Vienna, 1737, 4°, p. 56.

*Imhoof-Blumer and Otto Keller. Tier-Und Pflanzenbilder Auf Münzen Und Gemmen Des Klassischen Alterthums. With plates. Leipsic, 1889, 4°.

*Trachsel, C. F. Notice sur les animaux et les objets divers représentés sur les monnaies, les jetons & les medailles. Lausanne, 1880, 4°.

c. Those treating of a single object in natural history.

Bolton, Henry Carrington. Contributions of Alchemy to Numismatics. *American Journal of Numismatics*, April, 1890, p. 73; July, 1890, p. 1.

Lochner, Friedrich Michel. *ΜΗΚΩΝΟΠΑΙΓΝΙΟΝ*, sive papaver ex omni antiquitate erutum nummis (etc.), aeri incisis illustratum. With plates. Nuremberg, 1713, 4°.

Ibid. Nerium, sive Rhododaphne veterum et recentiorum, etc. Nuremberg, 1716, 4°.

The natural scientists of ancient times of whom medals exist, are but few. There are, however, the following[1]:

Acilius, of Rome.

1. *Obverse.* Laureated head, to right.

Reverse. The serpent-staff of Aesculapius, erect. To left, MAN(LIUS) in monogram. A. To left, CILI(US).

Silver (denarius).

*Riccio, Le Monete delle antiche famiglie di Roma. 2d ed. Naples, 1843, 4°, p. 4, No. 10, pl. I, fig. 2.

2. *Obverse.* Laureated female head, to right. Behind, SALVTIS

Reverse. Hygieia to left, her left arm resting upon a col-

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[1] Of the medals of Aesculapius, his daughter Hygieia, and son Telesphorus (Convalescence), Apollo Salutaris, Lucina, Chiron, etc., I shall not now give descriptions, but reserve them for future publication.

umn, the right holding a serpent. Inscription: M(ANLIUS). ACILIVS—III. VIR (Triumvir). VALETV(DO).

Silver (denarius).[1]

Ibid., p. 5, No. 11, pl. I, fig. 6.

Archimedes (287–212 B. C.), of Syracuse, physicist.

3. *Obverse.* The name alone: ARCHIMEDES.

Reverse. Bust to left. Inscription: GALILEVS. DE. GALILEIS. FLORENTINVS.

Bronze. 36 (Am. scale). 57 millimetres.

Gaetani, *loc. cit.*, II, p. 29, pl. 107, No. 3; Rudolphi, p. 59, No. 244; Kluyskens, II. p. 332; Duisburg, p. 17, XLIV, 3.

4. *Obverse.* Archimedes seated, to right, with Masonic emblems. Near edge, LOOS Legend: NOLI TURBARE CIRCULOS Exergue: LOGE ARCHIMEDES | ZU DEN DREY | REISSBRETERN (of the Three Trestle Boards).

Reverse. The Lodge building. Upon pediment, a minute representation of the obverse. In foreground, Minerva with youth. Exergue: GEGRÜNDET | DEN 12 AUGUST | 1802

Silver, bronze gilt. 24. 38 mm.

Marvin, Medals of the Masonic Fraternity, p. 134, No. CCCLI, pl. XI, fig. 42.

5. *Obverse.* Bust of Archimedes, to right. GOBRECHT. Inscription: N. ENGLAND SOC. FOR PROMOTION OF MANUFACTURES AND MECHANIC ARTS. 1826.

Reverse. Emblems of mechanical progress, in oval and circular discs. Inscription: GENIUS, INTELLIGENCE AND INDUSTRY TRIUMPH | ARCHIMEDES | GALILEO | NEWTON | FRANKLIN | WATT | FULTON in radiant clouds. Field vacant for name of recipient.

Silver, bronze. 45. 72 mm. Very rare.

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[1] The first physician who practised in Rome is said to have been of the Acilia Gens, and to have been commemorated by the above coins.

Woodward, 21st Catalogue, 31 March–April 2, 1879, No. 648, and 108th Cat., April 16–18, 1890, No. 256 b.; R. C. Davis Cat., January 22–26, 1890, No. 1884.

Certain of the U. S. Assay medals are interesting in this connection. They are intended to represent Archimedes, as the first assayer, though his name is not inscribed.

6. 1871. *Obverse.* A., cloaked, erect, and holding a crown, leans against an arch beside a fountain. Exergue: J. POLLOCK | DIRECTOR

Reverse. Inscription, with decorated margin.

Silver. 21. 33 mm.

7. As preceding, with exergue vacant.

Silver, bronze, copper. 21. 33 mm.

8. 1873. *Obverse* as the last but one.

Reverse. Within cypress wreath, a tomb. Upon it, ECKFELDT.

Silver, bronze. 21. 33 mm.

9. 1874. *Obverse* as above, exergue vacant.

Reverse. Within cypress branches tied by a ribbon a draped tomb, upon which, J. TORREY, | OB. MAR. 10, 73. Below: ANNUAL | ASSAY | 1874

Silver, white metal, bronze. 21. 33 mm.

Storer, *American Journal of Numismatics*, July, 1890, p. 18, No. 125. In my collection.

Dr. Torrey, mentioned upon the reverse, was the well-known American botanist. Also a chemist of repute, he had been in Government employ in connection with the U. S. Mint.

10. 1875. *Obverse.* Similar.

Reverse. Within laurel branches tied by a ribbon a cluster of leaves, below which: ANNUAL | ASSAY | 1875

Bronze. 21. 33 mm.

11. 1877. *Obverse.* Similar.

Reverse. Wreath.

Bronze. 21. 33 mm.

12. *Obverse.* A balloon. Inscription: Gt DE LA DÉFENSE NATIONALE

Reverse. L'ARCHIMÈDE. 21 NOVEMBRE. (1870.)

Bronze, tin.

Van Peteghem Cat., I, Paris, 1874, Nos. 879, 880.

13. *Obverse.* REPUBLIQUE FRANCAISE, BALLON DU SIEGE DE PARIS.

Reverse. L'ARCHIMEDE 21 9BRE 1870. In addition, there is the point of departure, and the name of the aeronaut.

19. 31 mm.

Frossard twenty-ninth Cat., 2 June, 1883, No. 29.

I know of no ancient numismatic memorial of Archimedes.

Aristotle (384–322 B. C.), of Athens, naturalist.

14. *Obverse.* Inscription: *ΑΡΙΣΤΟΤΕΛΟΥΣ ΤΟΥ ΝΙΚΟΜΑΧΟΥ* (A., son of Nicomachus.)

Reverse. A female figure (Veritas?), with outspread hands.

Gold (aureus).

Koch, *loc. cit.*, p. 2.

This is possibly the piece previously described by Heumann (*loc. cit.*). I find it mentioned by no other writer.

15. *Obverse.* Bust, to right. Inscription: *ΑΡΙΣΤΟΤΕΛΟΥΣ*

Reverse. Blank.

Bronze. Of the 15th Century.

Duisburg Cat., Dantzic, 2 Nov., 1869, No. 801.

16. *Obverse.* Bust, to right. Inscription: *ΑΡΙΣΤΟΤΕΛΗΣ Ο ΑΡΙΣΤΟΣ ΤΩΝ ΦΙΛΟΣΟΦΩΝ.*

Reverse. In seven lines: *ΕΙΚΩΝ ΤΟΥ ΑΡΧΕΤΥΠΟΥ ΤΟΥ ΠΑΡΑ ΤΟΥΤΩΝ. Α. ΩΝ ΒΑΣΙΛΕΙ ΜΕΓΙΣΤΩ. Α. ΚΩ ΤΩ ΠΡΩΤΩ.*

Bronze. Of the 15th Century.

Ibid., No. 800.

17. *Obverse.* Bust of A., long haired and bearded, with cap, to right. Legend: VIRTVTES HVIVS AMAVI

Reverse. Bust, to left. Inscription: OCTAVIAN. FERRAR.—HIERON. FIL. MEDIOL. Rudolphi and Duisburg both wrongly omit the FERRAR.

Edges beaded. Lead. 25. 40 mm.

Gaetani, I, p. 393, pl. LXXXIX, No. 3; Rudolphi, p. 53, No. 215; Kluyskens, I, p. 303; Duisburg, p. 12, No. XXX.

Ottaviano Ferrari (1518–86) of Milan, whose name is upon this medal, was a physician, a disciple of Aristotle, and for some years a teacher of his doctrines at Padua.

18. *Obverse.* Bust of A., bearded, to left. Upon his cap, *ΦΙΛΕΛΛΕΝ* Inscription: *ΕΛΛΑΔΟΣ. ΕΩ–ΘΕΙΣΗΣ. ΔΩΡΟΝ.*

Reverse. Bust, to right. Inscription: IO. FRANC. MARTINIO–MEDIOLAN. MEDICVS.

Bronze. 29. 45 mm.

Gaetani, I., p. 261, pl. LVIII, fig. 1; Moehsen, I, pl. 113, fig.; Rudolphi, p. 102, No. 430; Kluyskens, II, p. 190; Duisburg, p. 9, XX.

Dr. Martinio of Milan, whose name appears upon the reverse of the medal, lived at the middle of the sixteenth century and was a disciple of Hippocrates, who was at first supposed to have been here represented. It has, however, been decided that the bust is that of Aristotle.

19. *Obverse.* Bust, to left. Inscription: ARISTOTELES—STAGIRITES.

Reverse not given.

*Rovillio, Prontuario delle medaglie de piu illustri & fulgenti huomini, etc., Lyons, 1553, p. 124, fig.

20. Aristotle is also referred to upon a medal of Alexander von Humboldt, which I may describe in a subsequent communication.

Attalus, of Heraclea in Ionia, physician.

21. There is an autonomous coin of Heraclea, with the inscription, *ΣΤ. ΑΤΤΑΛΟΣ. ΑΡΧΙΑΤΡΟΣ* (Chief physician).

*Sestini, Classes Generales Seu Moneta Vetvs Vrbivm Populorvm Et Regvm. 2d edition, Florence, 1821, p. 82.

Dioscorides (about 40 A. D.), of Anazarbus in Cilicia, botanist.

22. *Obverse.* Bust, to left. Behind, *ΔΙΟΣΚΟΥΡΙΔΗΝ*

Reverse, blank.

Gold, silver. Oval. 11 x 16. 17 x 25 mm.

Kluyskens, I, p. 257, fig.

Galen, Claudius (130–201 A. D.), of Pergamus in Mysia, and Rome.

23. *Obverse.* Bust, wearing a petasus (cap); a staff in one hand, and Aesculapius in the other.

A coin of Pergamus.

Fosbrooke, Encyclopædia of Antiquities, I, p. 163.

24. *Obverse.* Head, to right. Beneath, PINGRET, F. Inscription: CLAUDIUS GALIENNUS.

Reverse. NATUS PERGAMI AN. C. XXXI. (J. C) OBIIT AN. CC.X. VERSUS. SERIES (etc.) M.DCCC.XLIV. DURAND EDIDIT. The dates upon the medal differ from those usually accepted.

Bronze.

Duisburg Cat., Dantzic, 2 Nov., 1869, No. 802.

25. The bust of Galen is on the obverse of one of the award medals of the Pharmaceutical Society of London, 1841.

Bronze. 28. 44 mm.

Wood Medallic Cat., 25–29 Feb., 1884, p. 145, No. 2273.

26. It is also, with the inscription GALEN | PERGA | MENUS, upon the reverse of a medal of Dr. George Wolfgang Wedel, Professor of Chemistry at Jena, to be hereafter described.

Gaetani, II, p. 252, pl. CLXI, No. 6 ; Moehsen, Bildnisse, etc., p. 144 ; Rudolphi, p. 168, No. 696 ; Kluyskens, II, p. 607, No. 1 ; Renauldin, p. 339 ; Durand, p. 218, No. 1 ; Duisburg, p. 119, CCCXVI.

Hipparchus (150 B. C.), of Nicaea in Bithynia, astronomer.

27, 28. His name, *ΙΠΠΑΡΧΟC*, appears upon coins of the Emperors Antoninus Pius and Alexander.

Sestini, *loc. cit.*, p. 69.

Hippocrates (460–357 B. C.), of the Greek island, Cos.

29. *Obverse.* Bearded head to right, the apex nude. Inscription : *ΙΠΠΟ–ΚΡΑΤΗΣ*

Reverse. The Aesculapian staff, upright, with its serpent to left. Inscription : *ΚΩΙ–ΩΝ*

Bronze.

Mead, Oratio, etc., 1724, p. 5, figured on title-page ; Storer, *The Sanitarian*, Sept., 1890, p. 234, No. 1461.

The figure is not given in all the editions of Mead, though indicated by the foot-note "Vid(e) Numm(um). In Titul(o)." The specimen described by him was in the Royal Cabinet of France.

30. *Obverse.* Bearded bust, towards left. No inscription.

Reverse, blank.

Bronze. Oval. Of the 15th Century.

Duisburg Cat., Dantzic, 2 Nov., 1869, No. 798.

31. *Obverse.* Head, to left. Beneath CAQUE F. Inscription : HIPPOCRATES.

Reverse. NATUS INSULAE COSIAE AN. CCCC.LX.

(A. C) OBIIT AN. (A. C.) CCC.LXI. SERIES (etc.) M.DCCC. XLIV. DURAND EDIDIT.

Bronze.

Ibid., No. 799.

32. *Obverse.* Within a beaded circle, and between oak and laurel boughs, the head of Hippocrates. Above, *ΙΠΠΟΚΡΑΤΗΣ* Upon each side of the circle, the serpent and chalice of Hygieia and the serpent-staff of Aesculapius. Inscription: Till Minne Af Suenska Läkare Sällskapets Femtionde Arsdag (In commemoration of the Fiftieth Anniversary of the Swedish Medical Society) 1858.

Reverse. Berzelius | Gistren | Gadelius | Hagströmer | Schultzenheim | Trafrenfeld | Gahn | Svenska (Swedish) Läkare (Medical) Sällskapets (Society) | Stifftare (Founded by the preceding) 1808. The dies were cut by Leah Ahlborn, of Stockholm.

Hildebrand, Minnespenninger öfver enskilda Svenska Män och Qvinnor, Stockholm, 1860, 347, 5; Rüppell, 1876, p. 75; Storer, *loc. cit.*, Oct., 1887, p. 320, No. 172. Unknown to Kluyskens and Duisburg.

33. *Obverse.* Bust, bearded, to right, without cloak. Upon neck, CHAVANNE Inscription: HIPPO-CRATES

Reverse. A tree, encircled by a serpent. Legend: STUDIO-ET ARTE Exergue: SOC. MED. LUGD. (Lyons) 1789.

Edges lined and catenated. Bronze.

Hennin, Histoire numismatique de la révolution française, Paris, 1826, pl. 11, No. 84; *Neumann, Beschreibung der bekanntesten Kupfer-Münzen, 1858–72, V, p. 280, No. 30,922; Storer, *loc. cit.*, No. 1462.

In the Government (Lee) Collection, at the U. S. Surgeon-General's Office, at Washington.

34. *Obverse.* Head, bearded, to right, with cloak upon shoulder: CHAVANNE F Below: HIPPOCRATES Above: STUDIO ET ARTE

Reverse. Between laurel and oak branches: SOCIÉTÉ DE MEDECINE DE LYON 1789

Edge of reverse corded. Bronze.

Hennin, *loc. cit.*, pl. 11, No. 83; Neumann, No. 30,923; Storer, *loc. cit.*, No. 1463.

35. *Obverse.* Head, to right. Upon neck, BARRE F. Beneath: *ΙΠΠΟΚΡΑΤΗΣ.*

Reverse. A palm tree entwined by a serpent. Legend: STUDIO ET. ARTE. Exergue: SOC. MED. LUGD. INST. 1789.

Bronze.

Duisburg Cat., Dantzic, 2 Nov., 1869, No. 857.

36. *Obverse.* Bust, bearded, to left. Beneath, GALLE F. Behind, at right, the serpent-staff of Aesculapius, with handle curved like a cane. In front, to left, *ΙΠΠΟΚΡΑΤΗΣ*

Reverse. The serpent-staff, erect, with upper end thickened, like the club of Hercules. Inscription: FACULTÉ DE MEDECINE DE PARIS. Exergue: MDCCCIX.

Silver, bronze. 21. 32 mm.

Edwards, The Napoleon Medals, pl. XXV, 5; Storer, *loc. cit.*, No. 1464.

In the Government (Lee) Collection, and my own.

37. *Obverse.* Bust, bearded, to left. Beneath, C. F. CARTER SCULP. Inscription, to left: *ΙΠΠΟΚΡΑΤΗΣ*

Reverse. Within laurel branches, tied by a ribbon, FACULTAS | MEDICINAE | DONAVIT Above, arms of McGill University; a crowned shield bearing three birds, to left, two above the other, with a ribbon beneath, inscribed: UNIVERSITAS | McGILL | MONTE REGIO (Montreal). Inscription: IN MEMORIAM ANDREÆ F. HOLMES M. D. LL.D.

Edges beaded. Gold, bronze. 28. 45 mm. The dies were by Carter of Birmingham.

Sandham, Coins, Medals and Tokens of Canada, p. 28, No. 29: *Ibid.*, McGill College and its Medals; McLachlan, *American Journal of Numismatics*, April, 1881, p. 81, CLXVI; **Ibid.*, Canadian Numismatics, Part 1, Montreal, 1886, p. 43; *Le Roux, Le Medaillier du Canada, 1888, p. 113, No. 668, fig.; Storer, *American Journal of Numismatics*, January, 1889, p. 60; *Ibid.*, *Sanitarian*, October, 1887, No. 1465.

In the Government (Lee) Collection.

38. *Obverse.* Bust of H., bearded, to left. Legend: ARS LONGA—VITA BREVIS

Reverse. Between laurel branches, tied by ribbon: SOCIETAS | MED. PARIS. | INSTITUT | 22 MART | 1796.

Silver, bronze. Octagonal.

In the Government (Lee) Collection and that of Dr. G. J. Fisher, of Sing Sing, N. Y.

Hennin, pl. 72, No. 721; Neumann, No. 30,094.

39. *Obverse.* Bust of H., to left. (The head is almost identical with that upon the medal of the Fac. de Med. de Paris.) DUBOIS. Behind, to right, the serpent-staff of Aesculapius, with cane shaped handle.

Reverse. Inscription: SOCIÉTÉ PROTESTANTE DE PRÉVOYANCE DE PARIS. | SCIENCE | ET | DEVOUÉMENT.

Silver. Octagonal. 20. 32 mm.

In the Government (Lee) Collection.

40. *Obverse.* Bust of H., to left, with serpent-staff, as in preceding. Beneath, E. DUBOIS F. Inscription, to right: ARCHAETYPUS HIC.

Reverse. * SOCIÉTÉ | DE | MÉDECINE | DE MARSEILLE. | *

20. 32 mm.

In the collection of Dr. B. P. Wright, of Syracuse, N. Y., and my own. This rare medal was first brought to my notice by

Dr. D. Francisco Viñas, of Gerona, Spain. My own specimen was sent me by Dr. J. Brettauer, of Trieste.

41. *Obverse.* Bust of H., to right. (Head like preceding, though facing differently.) Beneath, BRENET

Reverse. * | SOCIÉTÉ DE MÉDECINE | DE BORDEAUX Beneath, crossed laurel branches.

Edges beaded. Lead. 18. 27 mm.

In my collection.

42. *Obverse.* Bust of H., to left. Beneath, E. FAROCHON Inscription: HIPPOCRATE–DE COS.

Reverse. Pelican feeding its young. Inscription: ADMISTRATION GÉNÉRALE DE L'ASSISTANCE PUBLIQUE Exergue: *PARIS*

Silver. 22. 34 mm.

In the Fisher Collection. I owe the above description to Dr. Fisher.

Bust, with name, HIPPO | CRATES | COIO, upon the medal of Dr. Wedel, of Jena, already mentioned, No. 26, under Galen.

43. *Obverse.* Veiled head, bearded, to right. Beneath, S. SCHMIDT. | N. O. (New Orleans.) Exergue: S. M.–C. L. (In full, upon reverse.)

Reverse. SOCIETAS | MEDICO– | CHIRURGICA | LUDOVICENSIS (of Louisville).

Silver. 20. 31 mm. Excessively rare.

In the Government (Lee) and Fisher Collections, and my own. Though no name appears upon the obverse, and the type is different from those previously described, Surgeon Billings of the U. S. Surgeon-General's Office, after comparison with many pictorial representations of Hippocrates in the Government Medical Library, is inclined to think that it is he who is represented, rather than Aesculapius.

44, 45. The name, merely, of H. appears upon two of the

six jetons of Dr. Edmond Claude Bourru, of Paris, as given in baptism to his son.

Duisburg, p. 90, CCLIX, No. 3; Storer, *loc. cit.*, November, 1889, p. 442, Nos. 1156–7.

I have casts of these very rare jetons.

46. Hippocrates is referred to upon the reverse of the medal of Dr. Adolphe Pierre Burggraeve, of Ghent.

Alvin, *Revue belge de numismatique*, 1888, p. 90; De Witte, Médailles Historiques de Belgique, p. 194, No. 95, pl. LXXVII; Storer, *loc. cit.*, April, 1889, p. 330, No. 997.

47. He is said by Corlieu (*loc. cit.*, p. 11) to be allegorically represented upon a very rare jeton (1731) of Dr. Hyacinthe Théodore Baron, père, of Paris, but, as in some of the preceding numbers, no name is given to confirm the identity. The cock and staff of Aesculapius are also present.

This is in my collection.

48. Mention is made of H. upon the reverse of the medal of Dr. Domenico Cotugno, of Naples.

Rudolphi, p. 38, No. 147; Desgenettes, *Journal Complein*, XXIII, p. 132; Kluyskens, I, p. 229; Duisburg, p. 35, XCIX; Storer, *loc. cit.*, February, 1889, p. 136, No. 894.

49. His name also appears upon the reverse of one of the medals of Graf Dr. Andreas Josef von Stifft, of Vienna.

Rudolphi, p. 150, No. 624; Kluyskens, II, p. 480, No. 1; Duisburg, p. 157, CCCCXXI, 1.

Moses, of Judaea, sanitarian.

50. *Obverse.* Head, to left, with horns of bullock. Around neck, a band with Hebrew inscription.

Reverse. In four lines of Hebrew, Thou Shalt Have No Other Gods Before Me.

Gaetani, I, pl. 1, fig. 1; Storer, *loc. cit.*, July, 1891, No. 1680.

51. *Obverse.* As preceding, but with horns of a ram.

Reverse. As preceding.

Gaetani, I, pl. 1, fig. 2 ; Storer, *loc. cit.*, No. 1681.

52. *Obverse.* Head, as in the last. Inscription : MOISES▲ DOCTOR▲IVDEORVM▲

Reverse. EGO MITISSIMVS SVPER OMNES HOMINES * | MOISES | PALAM ET | NON PER | ENIGMATA | ET FIGVRAS | VIDET DE | VM.

Gaetani, pl. I, fig. 3 ; Storer, *loc. cit.*, No. 1682.

53. *Obverse.* Bust, to right, with two front locks of hair projecting. Upon neck band, a sentence in Hebrew. Inscription : HE(BRAEORUM). D(UX).–MOSES

Reverse, not given.

Rovillio, *loc. cit.*, p. 26, fig.; Storer, *loc. cit.*, No. 1684.

54. *Obverse.* Head. Inscription (in Hebrew): Moses, The Father of All The Prophets.

Reverse. A stone tablet, with the Ten Commandments. Upon edge: MOISE, PARIS, 1827

Bronze. 21. 32 mm.

Haseltine Centennial Cat., Part VII, 6–8 November, 1876, No. 1083 ; Storer, *loc. cit.*, No. 1683.

55. *Obverse.* Moses, with the tablets of the law. Inscription : MOSES DU ZEGEST NUR FLUCH U. DOT (etc.)

Morris Cat., June 16–17, 1891, No. 641; Storer, *loc. cit.*, September, 1891, No. 1906.

A Lubec double crown (1619–44).

56. *Obverse.* Moses upon Mt. Sinai, with the Tables.

Reverse. The Tables, with Hebrew inscription. Legend: THVE DAS SO WIRST DV LEBEN.

*Devegge, Mynt-og Medaille-Samling, Copenhagen, 1851, No. 1414.

57. Moses is also mentioned upon certain of the Wittenberg Pestthalers, struck to commemorate The Plague in Saxony during the 16th Century. Pfeiffer and Ruland give no less than

twenty-eight of these which bear reference to Moses. One of them is in my collection.

Loc. cit., Nos. 234–8, 251–2, 254–7, and 261–70; *Ibid.*, Pestamulete, pp. 475–482.

There is another medal of this character, apparently unknown to Pfeiffer and Ruland, as it is neither mentioned in their "Pestilentia in nummis," nor "Die deutschen Pestamulete," which I will therefore describe.

58. *Obverse.* The Crucifixion. Legend: UT. MOSES. EREXIT. SERPENTEM (etc.) At foot of the Cross: H R (Heinrich Retz) 1536. Below: SPES. MEA. IN. DEO EST.

Reverse. The Creation of Eve, the Fall of Adam, the Expulsion from Paradise. Legend: ET. SICUT. IN. ADAM (etc.) Exergue: IOANNES. FRIDERICUS. ELECTOR. DUX. SAXONIE. FIERI. FECIT.

Silver.

Hauschild, Beitrag zur neuern Münz-und Medaillengeschichte, No. 1205; Duisburg Cat., Dantzic, 2 November, 1869, No. 1246.

Thales (636–546 B. C.), of Miletus, Ionia; geometer and astronomer (one of the Seven Wise Men). Of him it was said, "De natura primus disputavit."

59. *Obverse.* Head, to right. Inscription: *ΘΑΛΗΤΟΣ–ΜΙΛΗΣΙΟΥ*

Reverse. A female, with cornucopeia and prow of ship, advances to right, towards an altar surmounted by a cock, and a column entwined by a serpent. Behind her, *ΟΥΤΩC ΑΗΟΛΑΤΕΙΝ | ΔΥΝΑΜΕΘΑ* (This we may possess), which is supposed to refer to a saying of Thales, "that he was happy who had good health and an abundance, and was neither ignorant nor unskilled."

Gaetani, I, p. 9, pl. II, fig. 6.

60. *Obverse.* Head, to right. Inscription: THALES–MILESIVS.

Reverse, not given.

Rovillio, *loc. cit.*, p. 98, fig.

Xenophon, of Cos, physician to the Emperor Claudius.

61. *Obverse.* Bust, to right. Inscription: *ΖΕΝΟΦΩΝ*
Reverse. Female, erect, to right, wearing mural crown. Edges beaded. 12. 18 mm.

Gaetani, I, p. 10, pl. II, No. 7; Moehsen, I, p. 257, fig.

There is mentioned in the Index-Catalogue of the Library at the U. S. Surgeon General's Office at Washington, in connection with the above and as though it were a second medal of Xenophon, the engraving by F. C. Krueger of a medal with "V. Camelio" upon the reverse. Surgeon Billings, however, writes me that it was thus classified through a clerical error. The medal in question is, in fact, one of several of a wholly non-medical person, a very prevalent misapprehension concerning whom will now be indicated.

Till recently it has been supposed that there existed medals of Camelius, physician to the Emperor Augustus, and I have mentioned Rose's dissertation thereon. The medal figured by this writer was also, under the same supposition, described and figured by Prof. Agnethler, of Halle (Schülzisches Münz-Cabinet, Halle, 1750–52, 4°), and again by Dr. Moehsen, of Berlin (*Loc. cit.*, I, pp. 257–280).

Moehsen, however, describes and figures two other "Camelio" medals about whose real attribution he had a correct impression. Since then it has been demonstrated by Armand (Les Médailleurs Italiens Des Quinzième Et Seizième Siècles, 2 vols., Paris, 1883, 8°, p. 115) that all the three are merely medals by Vittore Gambello, a Venetian die cutter at the commencement of the Sixteenth Century, who Latinized himself as Camelius, as he indeed states upon the obverse of one of the medals, which he executed in honor of himself.

It is, perhaps, not to be regretted that there exists no medal of the ancient Camelius, as, though a botanist, he must have been but a poor one, and unacquainted with the medicinal vir-

tues of ordinary table plants. History records that his royal patron being ill, he forbade his using lettuce. Being discharged, his successor at once placed the patient upon a course of that herb, with the effect of a speedy cure.

Again. It has been supposed that certain coins of Smyrna were struck in honor of physicians of that city; a view that was strongly urged by Dr. Richard Mead, of London (Dissertatio, etc., already mentioned), and later by an anonymous writer (Auslegung, etc., also previously catalogued). There was a very long discussion of the subject by Renauldin (*Loc. cit.*, pp. 476–490), and Mead's theory has been controverted by the Biographie Universelle and the Biographie Médicale. Dr. Wm. Lee, of Washington, D. C., whose collection of medical medals now belongs to the U. S. Government, read a very interesting paper upon the question, as yet unpublished, on May 18, 1880, before the American Numismatic and Archæological Society of New York. In this he was inclined to defend the opinion of Dr. Mead. It seems now, however, the general verdict of numismatists that the names (Zeuxis, Hippias, etc.) upon these Smyrniote coins are not those of physicians, but of magistrates. A list of the medals classed by Mead as those of "Smyrnaei medici" is contained in the Museum Meadianum (Catalogue of his collections, which were sold subsequently to his death), London, 1755, 8°, pp. 33–35.

There is another series, however, about which there would seem no question, though I have as yet failed to find their true character appreciated by any writer. That they are commemorative of physicians, the medical emblems upon them would prove. They are of the island of Cos, already mentioned as the residence of Hippocrates.

Antiochus.

62. *Obverse.* Head bound by a narrow fillet. Inscription: *ΝΙΚΙΑΣ. Ο ΔΑΜΟΣ.*

Reverse. Laureated head of Aesculapius. Inscription: *ΑΝΤΙΟΧΟΣ ΚΩΙΩΝ.*

*Sestini, Descrizione (etc.) Del Mvseo Hedervariano, Parte II, Florence, 1830, 4°, p. 240, No. 36.

Carmylus.

63. *Obverse.* Laureated head of the Emperor Augustus. Inscription: *ΣΕΒΑΣΤΟΣ.*

Reverse. Do. of Aesculapius. Inscription: *ΧΑΡΜΥΛΟΣ. ΚΩΙΩΝ.*

Ibid., p. 241, No. 38.

Nicarchus.

64. *Obverse.* Laureated head of Aesculapius.

Reverse. The staff of Aesculapius. Inscription: *ΚΩΙΩΝ.* | *ΝΙΚΑΡ* | *ΧΟΣ.*

Ibid., p. 240, No. 33.

Nicostratus.

65. *Obverse.* Female head, filletted, and with wreath of flowers, to right.

Reverse. Aesculapius leaning upon his staff, to right. Inscription: *ΝΙΚΟΣΤΡΑΤΟ–ΚΩΙΩΝ*

Dutens, *loc. cit.*, p. 71, pl. IV.

Pythonicus.

66. *Obverse*, as that of No. 63, Carmylus.

Reverse. Laureated head of Aesculapius. Inscription: *ΠΥΘΟΝΙΚΟΣ. ΚΩΙΩΝ*

Sestini, *loc. cit.*, p. 241, No. 37.

Sophocles.

67. *Obverse*, as preceding.

Reverse. The staff of Aesculapius and club of Hercules. Inscription: *ΣΟΦΟΚΛΗΣ. ΚΩΙΩΝ.*

Ibid., p. 241, No. 39.

Finally,

68. Philippus, the physician of Alexander the Great is represented upon a jeton of Dr. Joseph Philip, Dean of the University of Paris from 1780 to 1782. Philippus is reading the letter that unjustly accused him, in the presence of the King, who, lying ill at Tarsus in Cilicia, drinks the medicine which he had prepared. Legend: EX FIDE FIDUCIA.

Rudolphi, p. 123. No. 512; Kluyskens, II. p. 213; Duisburg, p. 89, CCLVI; Corlieu, *loc. cit.*, p. 14.

A cast of this excessively rare jeton is in my collection.

There are many medals of natural scientists of modern times, next to be considered.

(*To be continued.*)